

Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Continuation Application of USSN 09/660,522)
				Confirmation Number	Not yet assigned
				Filing Date	July 9, 2003
				First Named Inventor	Ryuichi MORISHITA
				Art Unit	1636 (prior application)
				Examiner Name	David A. Lambertson (prior application)
Sheet	1	of	1	Attorney Docket Number	Q75926

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
PAT M		EP	0 461 560	A1	12/18/91	Toshikazu Nakamura	NA
		WO	96/40062		12/19/96	Georgetown University	NA

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
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Examiner Signature		Date Considered	04/04/06
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		<del>December 30, 2002 Office Action issued in corresponding Taiwanese patent application.</del>	<del>No</del>
PA		ML LIU, et al., "Hepatocyte growth factor inhibits cell proliferation in vivo of rat hepatocellular carcinomas induced by diethylnitrosamine," Carcinogenesis, April 1995, 16(4): 841-3.	Abstract
		Y. MATSUDA, et al., "Hepatocyte growth factor suppresses the onset of liver cirrhosis and abrogates lethal hepatic dysfunction in rats," J. Biochem., September 1995, 118(3): 643-9.	Abstract
		G. SHIOTA, et al., "Inhibitory effect of hepatocyte growth factor on metastasis of hepatocellular carcinoma in transgenic mice," Res Commun Mol Pathol Pharmacol, January 1996, 91(1): 33-9.	Abstract
		G. SHIOTA, et al., "Characterization of double transgenic mice expressing hepatocyte growth factor and transforming growth factor alpha," Res Commun Mol Pathol Pharmacol, October 1995, 90(1): 17-24.	Abstract
		G. SHIOTA, et al., "Hepatocyte growth factor in transgenic mice: effects on hepatocyte growth, liver regeneration and gene expression," Hepatology, April 1994, 19(4): 962-72.	
		G. SHIOTA, et al., "Hepatocyte growth factor inhibits growth of hepatocellular carcinoma cells," Proc Natl Acad Sci USA, January 1992, 89(1): 373-7.	Yes

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Attorney Docket No: Q75927  
Continuation application of Appln. No. 09/660,522  
Applicant: Ryuichi MORISHITA, et al.  
Filing Date: July 9, 2003  
Group: 1636 (prior application)

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Form PTO-1449  
(Rev. 2-32)U.S. Department of Commerce  
Patent & Trademark OfficeINFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
RA	USPN 5,652,225	7/29/97	Isner et al.			
RA	USPN 5,756,122	5/26/98	Thierry et al			

## FOREIGN PATENT DOCUMENTS

Document	Date	Country	Class	Sub-class	Translation Yes/No
WO 96 40062A ✓	12/19/96	WIPO			
WO 91 06309A	5/16/91	WIPO			
EP 0461 560A ✓	12/18/91	EPO			
EP 0494369	7/15/92	EPO			
EP 0492614	7/1/92	EPO			
WO 93/08821	5/13/93	WIPO			
WO 94/06456	3/31/94	WIPO			
WO 92/05184	4/2/92	WIPO			




## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

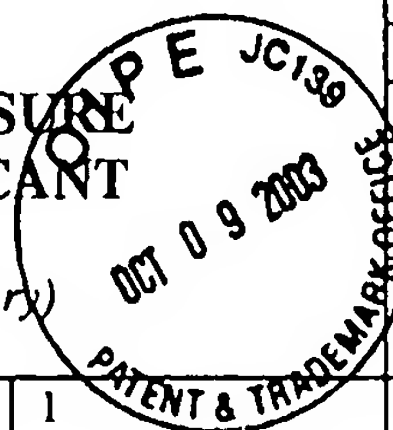
RA	Nakamura et al., "MOLECULAR CLONING AND EXPRESSION OF HUMAN HEPATOCYTE GROWTH FACTOR", Nature, Vol. 342, November 23, 1989, pages 440-443, XP000652120
RA	Miyazawa K. et al., "MOLECULAR CLONING AND SEQUENCE ANALYSIS OF cDNA FOR HUMAN HEPATOCYTE GROWTH FACTOR" Biochemical and Biophysical Research Communications, Vol. 163, No. 2, September 15, 1989, pages 967-973, XP000651424
RA	T. Seki et al., "ISOLATION AND EXPRESSION OF cDNA FOR DIFFERENT FORMS OF HEPATOCYTE GROWTH FACTOR FROM HUMAN LEUKOCYTE" Biochemical and Biophysical Research Communications Vol 172, No. 1, October 15, 1990, pages 321-327, XP002084490
	Japan Financial News Paper (December 14, 1998 w/ English language translation)
	Local News Section of Japan Financial News Paper (December 14, 1998 w/ English language translation)
	Asahi News Paper (November 2, 1999 w/ English language translation)
RA	Supplement to Circulation Vol. 96, Abstract No. 3459 (October 21, 1997)
RA	Ueki et al., Nature Medicine 5:226230, 1999
	Research report from the Welfare Ministry Specific Diseases, Pervaded Lung Diseases-Sub-group (1997 w/ English language translation)
RA	Ueda, et al., Ann. Thorac. Surg. 67:1726-1731, 1999
	Preprint f article by Taniyama et al., entitled "Therapeutic Angiogenesis Induced by Human Hepatocyte



INFORMATION DISCLOSURE STATEMENT

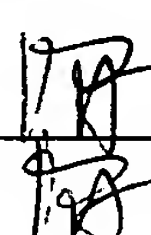
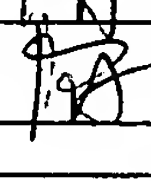
Continuation of U.S. Appln. No. 09/610,572

	(continued from the last page) Growth Factor Gene in Rat and Rabbit Hind Limb Ischemia Models: Pre-clinical Study to Treat Peripheral Arterial Disease."
	Preprint of article by Aoki, et al., entitled "Angiogenesis Induced by Hepatocyte Growth Factor in Non-infarcted Myocardium and Infarcted Myocardium: Up-regulation of Essential Transcription Factor for Angiogenesis, Ets."
	"Scatter Factor (Hepatocyte Growth Factor) is a Potent Angiogenesis Factor IN Vitro" by Rosen et al., Society of Experimental Biology, 1993, pp 227-234
	"Scatter Factor Induces Blood Vessel Formation IN VIVO" by Grant, et al., Proc. Nat'l. Acad. Sci USA, Vol. 90, March 1993, pp 1937-1941
	"Hepatocyte Growth Factor/Scatter Factor Modulates Cell Motility, Proliferation, and Proteoglycan Synthesis of Chondrocytes" by Takebayashi et al., Journal of Cell Biology, Vol. 29, No. 5 1995, pp 1411-1419
	"The Interaction of HGF-SF with other Cytokines in Tumor Invasion and Angiogenesis" by Rosen et al., Vol. 65, 1993, pp. 301-310
	Circulation 96, No. 8, October 21, 1997, No. 3459
	Nature Medicine 5:226-230 (February, 1999)
	Nature 338:557-562, 1989
	Science 235:442-447, 1987
	J. Clin. Invest. 93:662-670, 1993
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	New England J. Medicine 331:889-895, 1994
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	Verma et al., "Gene therapy promises, problems and prospects," Nature 389:239-242 (1997)
	Morishita, et al., "Novel in vitro gene transfer method for study of local modulators in vascular smooth muscle cells," Hypertension 21:894-899 (1993)
EXAMINER:	 DATE CONSIDERED: 04/04/06
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			Application Number	10/615,292	
			Confirmation Number	Not yet assigned	
			Filing Date	July 9, 2003	
			First Named Inventor	Ryuichi MORISHITA	
			Art Unit	Not yet assigned	
			Examiner Name	Not yet assigned	
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		US			
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NON PATENT LITERATURE DOCUMENTS			
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		K. KATO, et al., "Expression of Hepatitis B Virus Surface Antigen in Adult Rat Liver. Co-introduction of DNA and Nuclear Protein by a Simplified Liposome Method", <i>J. Biol. Chem.</i> , February 25, 1991, vol. 266, no. 6, pp. 3361-4.	Abstract
		F. BUSSOLINO, et al., "Hepatocyte Growth Factor is a Potent Angiogenic Factor which Stimulates Endothelial Cell Motility and Growth", <i>J. Cell Biol.</i> (1992), vol. 3, pp. 629-41.	Abstract

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STATEMENT BY APPLICANT**

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Sheet

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of

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Application Number	10/615,292
Confirmation Number	7040
Filing Date	July 9, 2003
First Named Inventor	Ryuichi MORISHITA
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	Q75927

**U.S. PATENT DOCUMENTS**

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		NICHOLAS MILLER, et al. "Targeted vectors for gene therapy" <i>The FASEB Journal</i> , vol. 9, February 1995	

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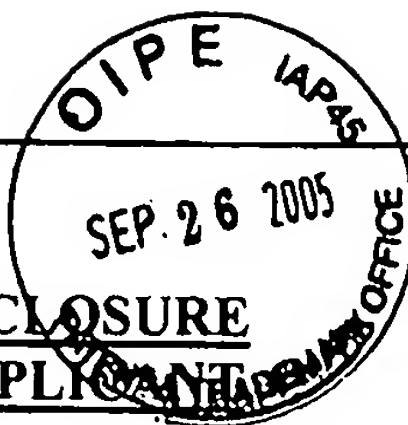
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<i>FA</i>		US 6,248,722	B1	06-19-2001	Morishita, <i>et al.</i>

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<i>FA</i>		PAUL D. ROBBINS, <i>et al.</i> , "Viral Vectors for Gene Therapy," <i>Pharmacol. Ther.</i> , Vol. 80, No. 1, pages 35-47 (1998)	
		NICHOLAS MILLER, <i>et al.</i> , "Targeted vectors for gene therapy," <i>FASEB</i> , Vol. 9, pages 190-199 (1995)	
		YOSHIKI TANIYAMA, <i>et al.</i> , "Therapeutic Angiogenesis Induced by Human Hepatocyte Growth Factor Gene in Rat Diabetic Hind Limb Ischemia Model," <i>Circulation</i> , Vol. 104, pages 2344-50 (2001)	

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